**Clinico - Social Case 2**

The family allotted to me is that of Shri Gunwanta Karnake, 35 Years old, Male, Skilled Labour (Building Construction) by occupation belongs to Gond Caste, Hindu Religion and the family falls under the lower socio-economic class according to modified B. G. Prasad Socio-Economic classification.

The family is a nuclear family of 5 members comprising of Head of Family, Wife, 3 Sons. The Family use BPL ration card.

The Index case allotted to me is of Chetan, 14 Months old male child. The informant for this case is Baby’s Mother.

**History:**

According to mother the baby was born full term at district hospital, Wardha. She had undergone 4 ANC check up during this pregnancy and received 1 T. T. vaccine and consumed approximately 100 IF tablets and 60 to 70 calcium Tablets.

The delivery was done by LSCS method since this was delivery of twin babies. Babies didn’t cry immediately and needed assistance. Both babies were Very Low at birth weighing 1500 grams for Index Case and 1000 gems. For other baby. Babies were immediately shifted to NICU after delivery. Colostrum could be given to baby on third day after delivery. There after baby was given expressed breast milk throughout his stay in NICU. Baby was discharged from NICU after 12 days of delivery and weight of baby at discharge was ….. gms. after returning to home mother says baby started to gain weight at One Month of age and weighed 2200 gms. at one and half months of age when the ANM worker measured baby during routine Immunization during VHND Session.

Baby was mostly given breast feeding during the first six months of life but this was not Exclusive Breast Feeding since Ghutti and Water were also given during some occasion. Complimentary feeding was started at around 6 months of age with Pulse water and gradually on semi solid foods (rice mashed with pulse) and mashed potato.

ANM during home visit advised her to mix one tsf of raw oil in one katori feed which mother complied.

Mother recalls baby was active and attained major milestones like sitting with support and speaking monosyllables by 7 months of age

Mother also Gives history of 2 to 3 episodes of diarrhea and ARI to baby during last 8 months. For each episodes of illness mother took the baby to Kiran Clinics at village or to nearby Primary health centre (Kharangna). She tried to feed the baby during the illness but says the baby couldn’t take adequate feed during illness.

Mother says she never seek treatment from any indigenous Practice. Also she never provides home based remedy to baby during illness.

On asking mother says THR was not provided by the Anganwadi during last 6 months.

**Immunization:**

Baby’s Immunization is complete for age. (Verified by the available MCH card)

**Milestone History:**

Gross Motor- Stands with Support

Fine Motor – Can hold object

Language – Speaks mama and ba ba (Bi- syllable)

Social - Can play simple ball game.

**Dietary History:**

Diet assed using 24 hour recall method:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.N. | Food Item | Frequency | Amount total | Energy (Kcal) | Protein |
| 1. | Breast Feeding | 5 times | 250 ml. | 160 | 2.7 |
| 2. | Rice + Pulse | 3 Times | ½ Katori each = 90 gm. | 425 | 15 |
| 3. | Vegetable | 3 times: | ¼ Katori each = 75 gm. | 3 | 0.4 |
| 4. | Biscuits | 6 | 120 grm. Wheat, 20gms. sugar | 416 | 12.2 |
|  |  |  | Total | 1004 | 34.3 |
|  |  |  | Required | 660 |  |
|  |  |  | Deficit or Excess | 344 Excess | 24 |

**Environmental History:**

Family lives in a kucha house with thatched roof. There is only one room of approximately 10 x 8 feet size. There is separate kitchen but the door of kitchen open in the room only. Family uses smoked chulha for cooking. Ventilation is grossly inadequate in the room and kitchen. There is no sanitary toilet and separate bathroom. Family uses water from public hand pump situated at approx. 50 mtr. Of distance. Drinking water is fetched from the same hand pump and stored in metallic container and fetched using glass without handle. The family use Jivan Drop for Purification of Water. The excreta of child disposed in open air in the field behind the house.

There is No h/o pet. There is history of contact with category 2 TB case. Baby’s grandfather is a case of TB who lives next door but doesn’t share the same kitchen.

Economic aspect of Family:

Total Family Income: 6000 / Month Total Family Member: 5

Per Capita Income: 1200 Lower socio – economic class according to Modified B. G. Prasad Class.

No Agricultural land. Own T. V. and cooler.

Has RSBY Card, Health Insurance Card of MGIMS, Sewagram and Sawangi Hospital.

**Examination:**

**General Examination:**

Baby is lethargic. General condition is average.

Heart Rate is 84/ mins., Afebrile to touch, pale, unicteric, not cyanosed, no clubbing, no Lymphadenopathy

**Anthropometry:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Baby’s Measurement | Expected for his Age | Status |
| Height | 65.6 cms. | > 78.0 cms. | < -3SD |
| Weight | 6.6 Kgs. | > 10.1 Kg. | < -3 SD |
| Weight for Age |  |  | < -3 SD |
| Height for age |  |  | < -3 SD |
| Weight for Height |  |  | < -3 SD |
| MUAC | 12.5 | 13.5 | < |
| Head Circumference | 45 | 45 | N |
| Chest Circumference | Didn’t measure |  |  |

Interpretation: Baby is suffering from Acute on Chronic Malnutrition.

**Systemic Examination:**

**RS** – Normal breath sound. No added sound

**CVS –** S1 and S2 Heard normally. No added sound or murmur.

**Abdomen –** Soft, No Organomegaly

**Examination of Other Family Member:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.N.** | **Name** | **Age/Sex** | **Relation with HOH** | **Marital status** | **Education** | **Occupation** | **Income** | **Addiction** | **Health Status** |
| **1.** | Gunwanta | 35/M | HoH | married | 9th pass | Skilled labour | 6000 PM | tobacco | Dental Carries |
| **2.** | **Durga** | F | wife | married | 9th pass | Home maker | 00 | none | anemic |

**Examination of under 5:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.N.** | **Name** | **Age / Sex** | **Anthropometry** | | | | | **Health Status** | **Milestone** | **Immunization** |
|  |  |  | **Wt.** | **Ht.** | **MUAC** | **HC** | **Cc** |  |  |  |
| 1. | Sanket | 3 yr. male | 10 kg. | 86 cms. | NR | NR | NR | Mod.  Malnutrition | Achieved for Age | Complete for age |
| 2. | Ketan | 14 mnths Male | 7 Kg. | 65 cms. | 13.5 | 45 | NR | Chronic malnutrition | Achieved for Age | Complete for age |

**Provisional Diagnosis of Index Case:**

Acute or Chronic Malnutrition with delayed milestone.

**Family Diagnosis:**

**Lower Socio economic status and improper use of contraception during spacing and twin delivery**

**Case for Action:**

**Patient: Nutritional Rehabilitation.**

**Family:**

**CASs**